

## **ABSTRACT**

Disclosed is a process for devolatilizing a polymer comprising passing the polymer through a devolatilizer comprising a plate heat exchanger wherein the plates of the plate heat exchanger are heated by a plurality of heating tubes  
5 and wherein the heating tube comprises a return tube nested inside of a supply tube. The use of the disclosed invention allows for a comparatively small heat profile across heating plates as compared to prior art plate heat exchangers.

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